CLAIMS

1. A laser weldable resin composition comprising (A) a polybutylene terephthalate-series resin, (B) an elastomer, (C) a polycarbonate-series resin, and (D) a plasticizer.

2. A resin composition according to claim 1, wherein the polybutylene terephthalate-series resin (A) comprises a polybutylene terephthalate, or a polybutylene terephthalate-series copolymer modified with not more than 30% by mol of a copolymerizable monomer.

3. A resin composition according to claim 1, wherein the refractive index of the elastomer (B) is 1.52 to 1.59 at a temperature of 25°C.

4. A resin composition according to claim 1, wherein the plasticizer (D) comprises at least one member selected from the group consisting of an aromatic polycarboxylic acid ester, and an acrylic polymer.

5. A resin composition according to claim 1, wherein the refractive index of the plasticizer (D) is 1.45 to 1.60 at a temperature of 25°C.

6. A resin composition according to claim 1, wherein the proportions of the elastomer (B), the polycarbonate-series resin (C), and the plasticizer (D) are 1 to 50 parts by weight, 5 to 100 parts by weight, and 1 to 10 parts by weight, respectively, relative to 100 parts by weight of the polybutylene terephthalate-series resin

(A).

7. A resin composition according to claim 1, which further comprises (E) a filler or reinforcing agent.

8. A resin composition according to claim 7, wherein the filler or reinforcing agent (E) is vitreous or glassy.

9. A resin composition according to claim 1, which further comprises (F) a nucleating agent.

10. A resin composition according to claim 1, wherein when a light having a wavelength of 800 to 1200 nm is irradiated to a molded product of 80 mm in length, 80 mm in width and 2 mm in thickness formed from the resin composition by an injection molding, the fluctuation range of light transmittance depending on sites to be irradiated of the molded product is not more than 10%.

11. A molded product formed from a resin composition recited in claim 1.

12. A composite molded product comprising a molded product formed from a resin composition recited in claim 1 and a counterpart resin molded product, wherein the molded product is bonded to the counterpart molded product by a laser welding.

13. A process for producing a composite molded product, which comprises contacting a molded product formed from a resin composition recited in claim 1 and located in a transmitting side for a laser beam, with a counterpart resin molded product located in a receiving side for the

laser beam, and irradiating the laser beam to these articles for bonding the molded product to the counterpart molded product.